

ABSTRACT OF THE DISCLOSURE

A device and a method are proposed for arc welding of elements, in particular metal studs to coated parts, in particular metal sheets, in which in a first step an element is moved relative to the part to at least partially break up the coating of the part. This produces an electrical contact between part and element, the part and the element being welded to each other in a subsequent step. The element is set in oscillating motion, at least about its lengthwise axis, in order at least partially to break up the coating of the part.